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10-09-03

Attorney Docket No.: 26048-013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Fokema, et al.
SERIAL NUMBER: 10/617,912 Examiner Not yet assigned
FILING DATE: July 11, 2003 Art Unit Not yet assigned
FOR: METHODS AND COMPOSITIONS FOR DESULFURIZATION OF
HYDROCARBON FUELS

MAIL STOP IDS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. This Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required. Copies of C1-C6 references are enclosed. By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A1-A28 are not submitted. Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 Reference No. 26048-013.

Dated: October 8, 2003

Respectfully submitted,

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TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (1 page), in duplicate;
2. Modified Form 1449/PTO (1 page), in duplicate;
3. Copies of Cited Reference C1-C6; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 26048-013. A duplicate copy of this transmittal letter is enclosed herewith.

Dated: October 8, 2003

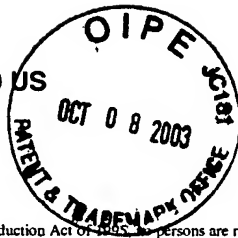
Respectfully submitted,

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PTO/SB (12-97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/617,912
	Filing Date	July 11, 2003
	First Named Inventor	Fokema
	Group Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
	Attorney Docket Number	26048-013

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	2,574,445	11/06/51	Porter, et al.	196		
	A2	2,618,586	11/18/52	Hendel	196		
	A3	3,063,936	11/13/62	Pearce, et al.	208	211	
	A4	4,202,865	05/13/80	Preston, Jr.	423	244	
	A5	4,246,244	01/20/81	Fox	423	225	
	A6	4,313,820	02/02/82	Farha, et al.	208	213	
	A7	4,725,415	02/16/88	Kidd	423	230	
	A8	4,977,123	12/11/90	Flytzani-Stephanopoulos	502	84	
	A9	5,124,140	06/23/92	Okada, et al.	423	650	
	A10	5,130,115	06/14/92	Fujisou, et al.	423	652	
	A11	5,157,201	10/20/92	Norris	585	820	
	A12	5,254,516	10/19/93	Gupta, et al.	502	84	
	A13	5,360,536	11/01/94	Nemeth, et al.	208	248	
	A14	5,401,391	03/28/95	Collins, et al.	208	208	
	A15	5,494,880	02/27/96	Siriwardane	502	400	
	A16	5,685,890	11/11/97	Okada, et al.	48	214	
	A17	5,686,196	11/11/97	Singh, et al.	429	17	
	A18	5,807,475	09/15/98	Kulparathipranja, et al.	208	208	
	A19	5,938,800	08/17/99	Verrill, et al.	48	127.9	
	A20	6,159,256	12/12/00	Bonville, Jr. et al.	48	61	
	A21	6,245,221	06/12/01	Baird, et al.	208	213	
	A22	6,274,533 B1	08/14/01	Khare	502	343	
	A23	6,299,994 B1	10/09/01	Towler, et al.	429	17	
	A24	6,338,794	01/15/02	Khare	208	247	
	A25	6,416,659	07/09/02	Groten, et al.	208	213	
	A26	6,454,935 B1	09/24/02	Lesieur, et al.	208	244	
	A27	6,558,533	05/06/03	Schmidt, et al.	208	244	
	A28	6,579,444 B2	06/17/03	Feimer, et al.	208	243	

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Brooks, et al., "Desulfurization Over Metal Zeolites". <i>Sep. Sci. Tech.</i> , 25: 1817-1828 (1990).
	C2	Gasper-Galvin, et al., "Zeolite-Supported Metal Oxide Sorbents for Hot-Gas Desulfurization", <i>Ind. Eng. Chem. Res.</i> , 37: 4157-4166 (1998).
	C3	Jothimurugesan, et al., "Regeneration of Zinc Titanate H ₂ S Sorbents", <i>Ind. Eng. Chem. Res.</i> , 37: 1929-1933 (1998).
	C4	Li, et al., "Cu-Cr-O and Cu-Ce-O Regenerable Oxide Sorbents for Hot Gas Desulfurization", <i>Ind. Eng. Chem. Res.</i> , 36: 187-196 (1997).
	C5	Sasaoka, et al., "Modification of ZnO-TiO ₂ High-Temperature Desulfurization Sorbent by ZrO ₂ Addition", <i>Ind. Eng. Chem. Res.</i> , 38: 958-963 (1999).
	C6	Swisher, et al., "Review of Metals and Binary Oxides as Sorbents for Removing Sulfur from Coal-Derived Gases", <i>J. Mater. Eng. Perf.</i> , 1: 399-408 (1992).

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.